

PATENT APPLICATION  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

<b>Applicant:</b> KENNETH D. BEER et al.	<b>Examiner:</b> Torres-Velazquez, N.
<b>Serial No.:</b> 09/597,453	<b>Group Art Unit:</b> 1771
<b>Filed:</b> June 20, 2000	<b>Docket No.</b> 26998-241416
<b>For:</b> PULTRUDED PART AND METHOD OF PREPARING A REINFORCEMENT MAT FOR THE PART	

FAX RECEIVED  
APR 8 2003  
GROUP 1700

Commissioner for Patents  
Washington, D.C. 20231

I CERTIFY THAT, ON APRIL 7, 2003, THIS PAPER IS BEING  
TRANSMITTED VIA FACSIMILE TO 703.872.9311, COMMISSIONER  
FOR PATENTS, WASHINGTON, D.C. 20231, ATTENTION:  
EXAMINER NORCA L. TORRES-VELAZQUEZ.

*Karen Hull*  
Karen Hull

EXAMINER NORCA L. TORRES-VELAZQUEZ

**AMENDMENT AND RESPONSE UNDER RULE 1.116**

This Amendment and Response is submitted in reply to the Office Action  
mailed February 12, 2003.

**IN THE CLAIMS**

Please amend the claims as follows:

13. (Once Amended) A mat for use as reinforcement for a resin  
composition to be used in forming an elongated, pultruded part of constant transverse cross-  
section using a pultrusion die, said mat comprising:

a first layer of continuous, generally longitudinally-extending fibers which  
provide longitudinal strength to the mat;

a second layer of generally transverse reinforcement fibers in association with  
the first layer of generally longitudinal fibers and oriented in a direction at an angle with  
respect to the longitudinal pull direction of the mat to provide transverse strength to the mat;

a third layer of diagonal transport fibers for the transverse reinforcement  
fibers, at least certain of the transport fibers extending diagonally of the first layer of  
generally longitudinally-extending fibers and oriented to provide shear strength stiffness and  
anti-skewing resistance to the mat; and